

PATENT

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 15. (Canceled)
16. (Currently Amended) A method comprising:
determining a first transmission power for transmitting data to a first device to reduce a time required to transmit data to the first device, wherein the time required to transmit data to the first device is ~~dependent~~ based on a time to transmit data to a second device;
determining a second transmission power for transmitting data to the second device, wherein the second device is different from the first device;
configuring a first data channel to transmit data to the first device based on the first transmission power; and
configuring a second data channel to transmit data to the second device based on the second transmission power.
17. (Currently Amended) The method as in Claim 16, wherein the step of determining the first transmission power further ~~dependent~~ is based on time required to transmit data to the second device.
18. (Original) The method as in Claim 16, wherein the second data channel is further used to receive data from the first device and the second device.
19. (Currently Amended) The method as in Claim 16, wherein ~~the steps of determining~~ the first and the second transmission powers are determined based on an amount of data to be transmitted.

PATENT

20. (Currently Amended) The method as in Claim 16, wherein ~~the steps of determining~~ the first and the second transmission powers are determined based on a signal quality.

21. (Original) The method as in Claim 20, wherein the signal quality is based on a signal to noise ratio.

22. (Original) The method as in claim 20, wherein the signal quality is based on a bit error rate.

23. (Original) The method as in Claim 20, wherein the signal quality is based on a channel capacity.

24. (Original) The method as in Claim 16, wherein configuring the first data channel includes setting a first data rate for communicating with the first device.

25. (Original) The method as in Claim 16, wherein configuring the second data channel includes setting a second data rate for communicating with the first device.

26. (Original) The method as in Claim 16, wherein the second device is associated with a first set of specifications associated with a communication standard.

27. (Original) The method as in Claim 26, wherein the first device is associated with a second set of specifications, different from the first set of specifications.

28. (Original) The method as in Claim 26, wherein the communications standard includes IEEE 802.11.

29. - 49. (Canceled)

PATENT

50. (Currently Amended) A method comprising:
determining a first transmission power for transmitting data to a first device based on a time required to transmit data to a second device to reduce a power required to transmit data to the first device,
determining a second transmission power for transmitting data to the second device,
wherein the second device is different from the first device;
configuring a first data channel to transmit data to the first device based on the first transmission power;
configuring a second data channel to transmit data to the second device based on the second transmission power; and
configuring the second data channel to further receive data associated with the first device and the second device.
51. (Original) The method as in Claim 50, wherein the data associated with the first device and the second device includes acknowledgements associated with data sent to the first device and the second device.
52. (Canceled)
53. (Currently Amended) The method as in Claim 50, wherein ~~the steps of~~ determining the first and the second transmission powers are determined based on an amount of data to be transmitted.
54. (Currently Amended) The method as in Claim 50, wherein ~~the steps of~~ determining the first and the second transmission powers are determined based on a signal quality.
55. (New) A system comprising:
means for determining a first transmission power for transmitting data to a first device to reduce a time required to transmit data to the first device, wherein the time

PATENT

required to transmit data to the first device is based on a time to transmit data to a second device;

means for determining a second transmission power for transmitting data to the second device, wherein the second device is different from the first device;

means for configuring a first data channel to transmit data to the first device based on the first transmission power; and

means for configuring a second data channel to transmit data to the second device based on the second transmission power.

56. (New) The system as in Claim 55, wherein the step of determining the first transmission power further is based on time required to transmit data to the second device.

57. (New) The system as in Claim 55, wherein the second data channel is further used to receive data from the first device and the second device.

58. (New) The system as in Claim 55, wherein the first and the second transmission powers are determined based on an amount of data to be transmitted.

59. (New) The system as in Claim 55, wherein the first and the second transmission powers are determined based on a signal quality.

60. (New) The system as in Claim 59, wherein the signal quality is based on a signal to noise ratio.

61. (New) The system as in claim 59, wherein the signal quality is based on a bit error rate.

62. (New) The system as in Claim 59, wherein the signal quality is based on a channel capacity.

63. (New) The system as in Claim 55, wherein configuring the first data channel includes setting a first data rate for communicating with the first device.

PATENT

64. (New) The system as in Claim 55, wherein configuring the second data channel includes setting a second data rate for communicating with the first device.

65. (New) The system as in Claim 55, wherein the second device is associated with a first set of specifications associated with a communication standard.

66. (New) The system as in Claim 65, wherein the first device is associated with a second set of specifications, different from the first set of specifications.

67. (New) The system as in Claim 65, wherein the communications standard includes IEEE 802.11.

68. (New) A system comprising:

means for determining a first transmission power for transmitting data to a first device based on a time required to transmit data to a second device to reduce a power required to transmit data to the first device,

means for determining a second transmission power for transmitting data to the second device, wherein the second device is different from the first device;

means for configuring a first data channel to transmit data to the first device based on the first transmission power;

means for configuring a second data channel to transmit data to the second device based on the second transmission power; and

means for configuring the second data channel to further receive data associated with the first device and the second device.

69. (New) The system as in Claim 68, wherein the data associated with the first device and the second device includes acknowledgements associated with data sent to the first device and the second device.

70. (New) The system as in Claim 68, wherein the first and the second transmission powers are determined based on an amount of data to be transmitted.

PATENT

71. (New) The system as in Claim 68, wherein the first and the second transmission powers are determined based on a signal quality.